

Pg 1230

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,045,321 B2
DATED : May 16, 2006
INVENTOR(S) : TAKESHI IMAMURA ET AL.

~~Page 1 of 4~~

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE AT (54) TITLE OF THE INVENTION

"POLYHYDROXYALKANOATE CONTAINING UNIT WITH
PHENYLSULFANYL STRUCTURE IN THE SIDE CHAIN, PROCESS FOR
ITS PRODUCTION, CHARGE CONTROL AGENT, TONER BINDER AND
TONER WHICH CONTAIN NOVEL POLYHYDROXYALKANOATE,
AND IMAGE-FORMING METHOD AND IMAGE-FORMING
APPARATUS WHICH MAKE USE OF THE TONER"

should read

-- POLYHYDROXYALKANOATE CONTAINING UNIT WITH
PHENYLSULFANYL STRUCTURE IN THE SIDE CHAIN, PROCESS FOR
ITS PRODUCTION, CHARGE CONTROL AGENT, TONER BINDER AND
TONER WHICH CONTAIN NOVEL POLYHYDROXYALKANOATE,
AND IMAGE-FORMING METHOD AND IMAGE-FORMING
APPARATUS WHICH MAKE USE OF THE TONER--.

COLUMN 1

Line 17, "proudcing" should read --producing--;
Line 18, "prdouce" should read --produce--;
Line 44, "polyemrs" should read --polymers--;
Line 53, "know" should read --known--; and
Line 58, "strucutre" should read --structure--.

MAILING ADDRESS OF SENDER:

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591489v1

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COLUMN 2

Line 16, "the" should read --the aid of--; and
Line 30, "macromolecuels," should read --macromolecules,--.

COLUMN 3

Line 44, "cells," should read --calls,--;
Line 48, "bruch" should read --brush--;
Line 49, "foruth" should read --forth--; and
Line 53, "an" should read --aid of an--.

COLUMN 4

Line 5, "are dye" should read --azo dye--;
Line 10, "dibutylin" should read --dibutyltin--; and "toners" should read --Toners--;
Line 16, "metla" should read --metal--;
Line 22, "ar eto" should read --are to--; and
Line 23, "contorl" should read --control--.

COLUMN 5

Line 5, "8-17964" should read --No. 8-179564--;
Line 17, "syntehsis" should read --synthesis--; and "hwihc" should read --which--;
Line 39, "adn" should read --and--;
Line 50, "properites" should read --properties--;
Line 56, "aplciation" should read --application--; and
Line 63, "disclose" should read --discloses--.

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~~Page 3 of 4~~

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 6

Line 7, "characterised" should read --characterized--; and

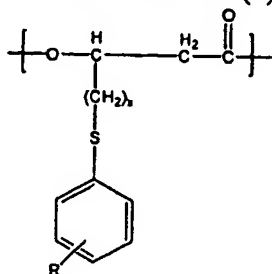
Line 30, "te" should read --the--; and

Delete line 31, to Column 68, line 59 and insert the text at Specification page 16, line 12 to page 224, line 21.

ABSTRACT

Delete the Abstract at (57) and insert:

--A polyhydroxyalkanoate is disclosed which has in the molecule a unit represented by Chemical Formula (1).



wherein R is arbitrarily selected from a hydrogen atom, a halogen atom, CN, NO₂, COOR', SO₂R'', CH₃, C₂H₅, C₃H₇, C(CH₃)₂H and C(CH₃)₃; where R' is H, Na, K, CH₃ or C₂H₅, and R'' is OH, ONa, OK, a halogen atom, OCH₃ or OC₂H₅; and x is an integer arbitrarily selected from 1 to 8; with the proviso that a polyhydroxyalkanoate is excluded which has a hydrogen atom as R and x in all the units is 2 or 4. Also disclosed is a process for producing the polyhydroxyalkanoate by the use of a

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

microorganism having the ability to produce the polyhydroxyalkanoate and accumulate it in the bacterial body.--.

FIGS. 1-10 should be deleted and replaced with FIGS. 1-26 of the present application.

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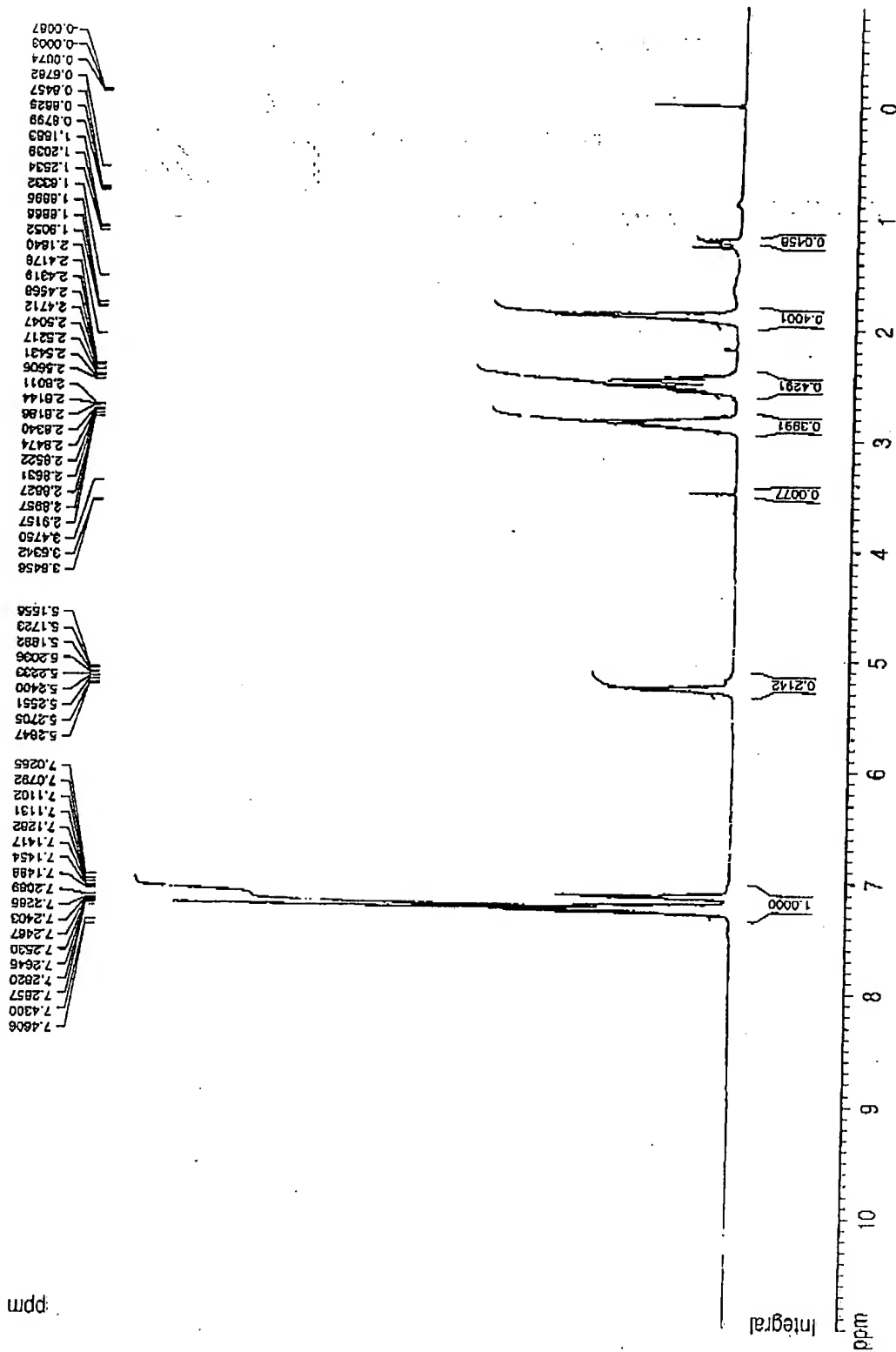
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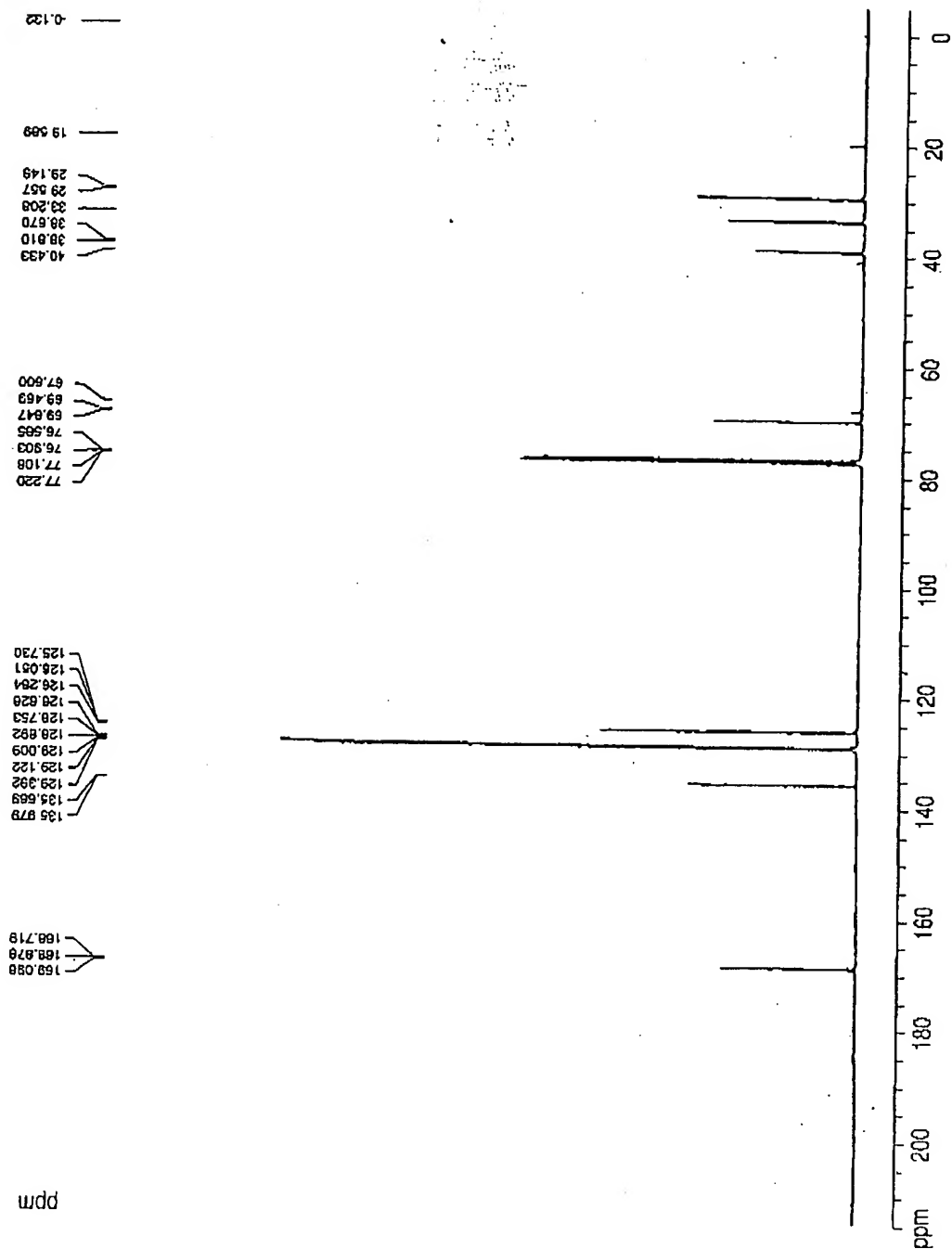
FIG. 1



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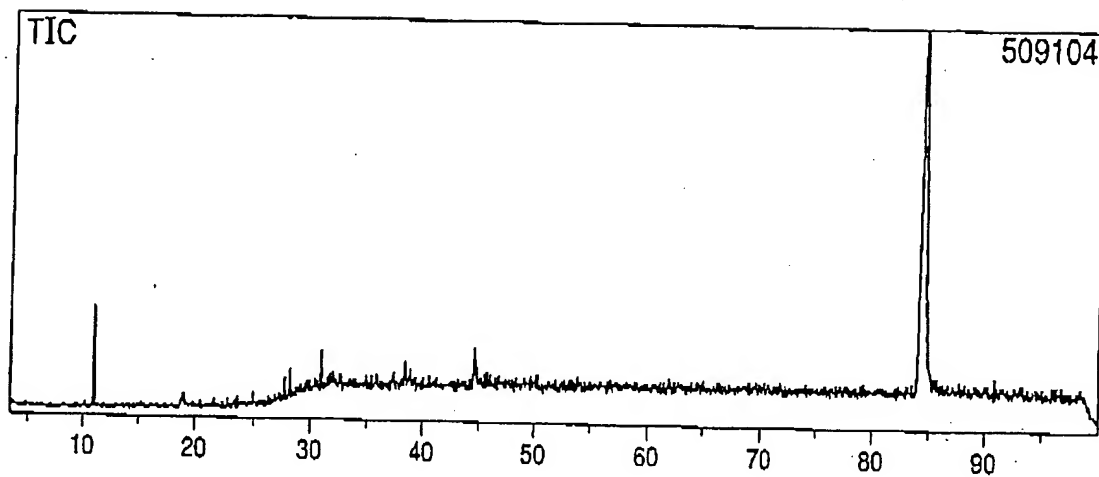
FIG. 2



10 084 172

PS 79 30

FIG. 3



SCAN NO.: 9724

NUMBER OF PEAKS: 52

BASE PEAKS: 110.20 (26229)

BACKGROUND: (9358-10090)

RETENTION TIME: 84.525

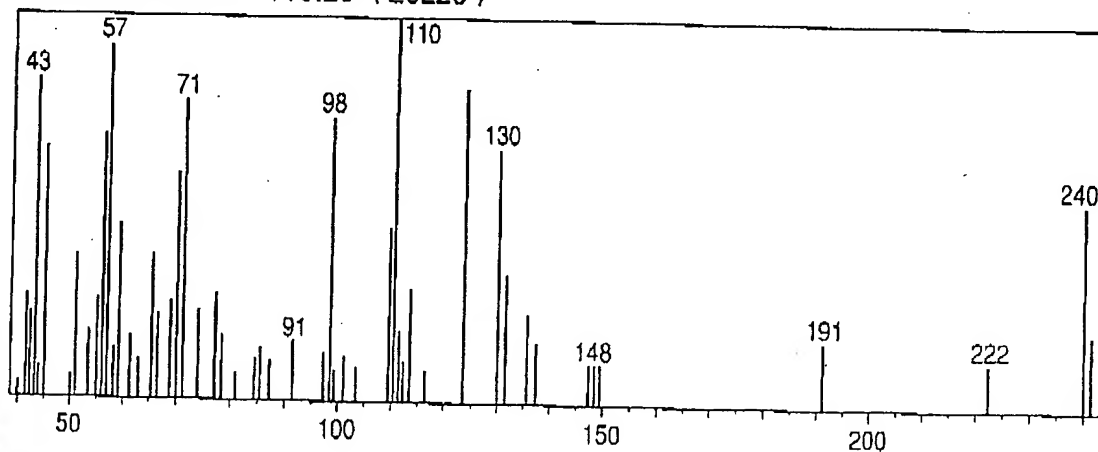
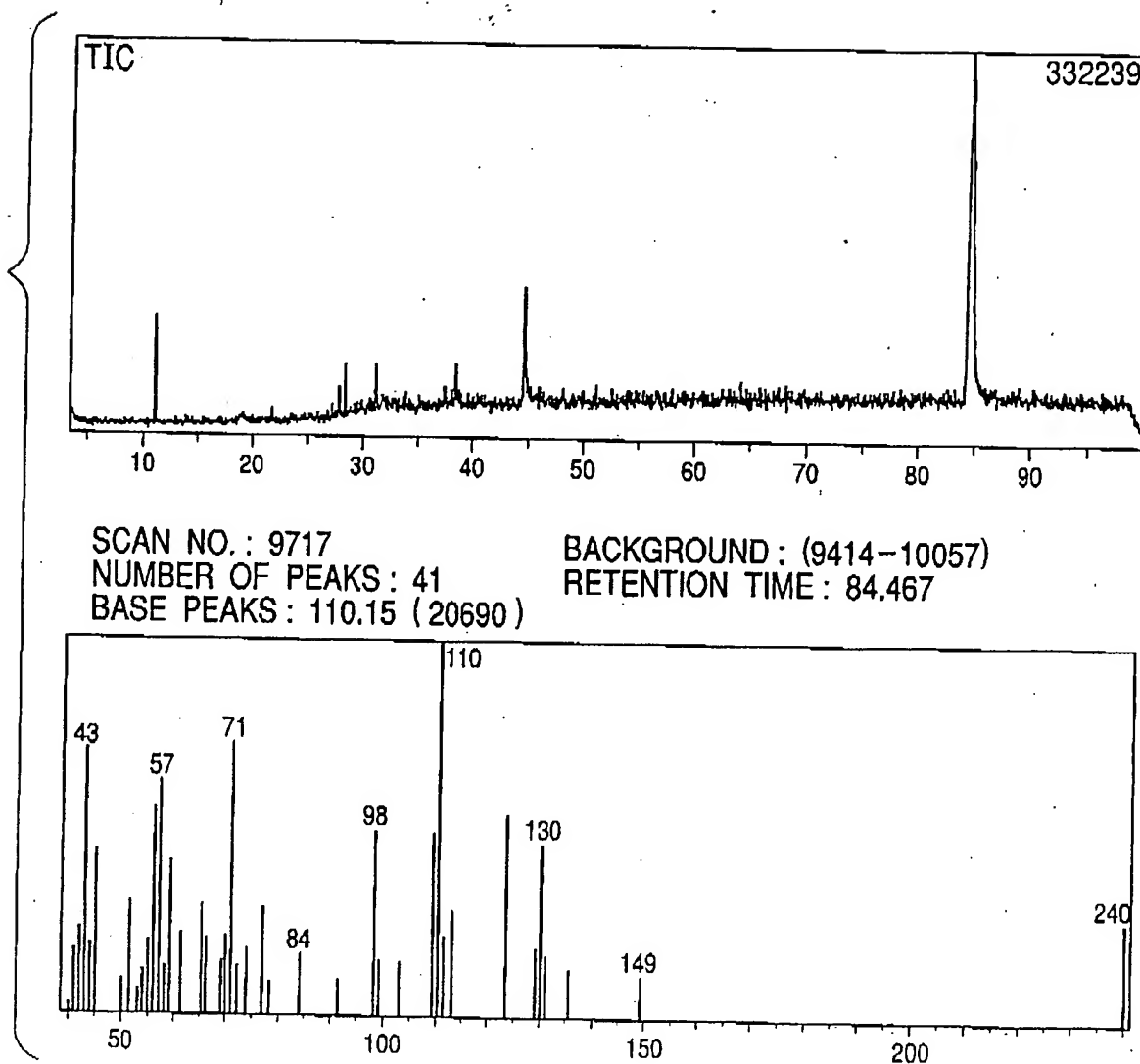


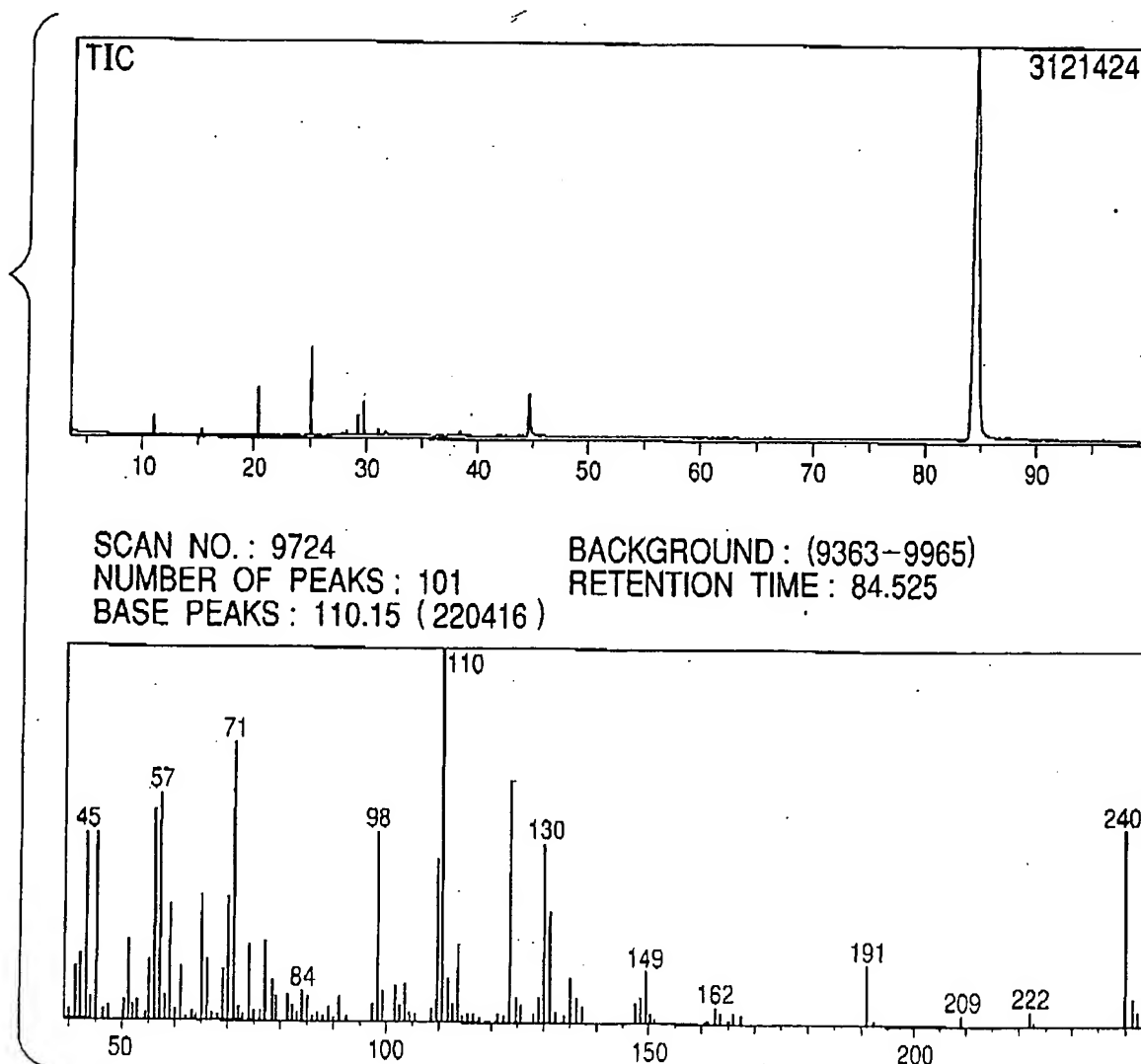
FIG. 4



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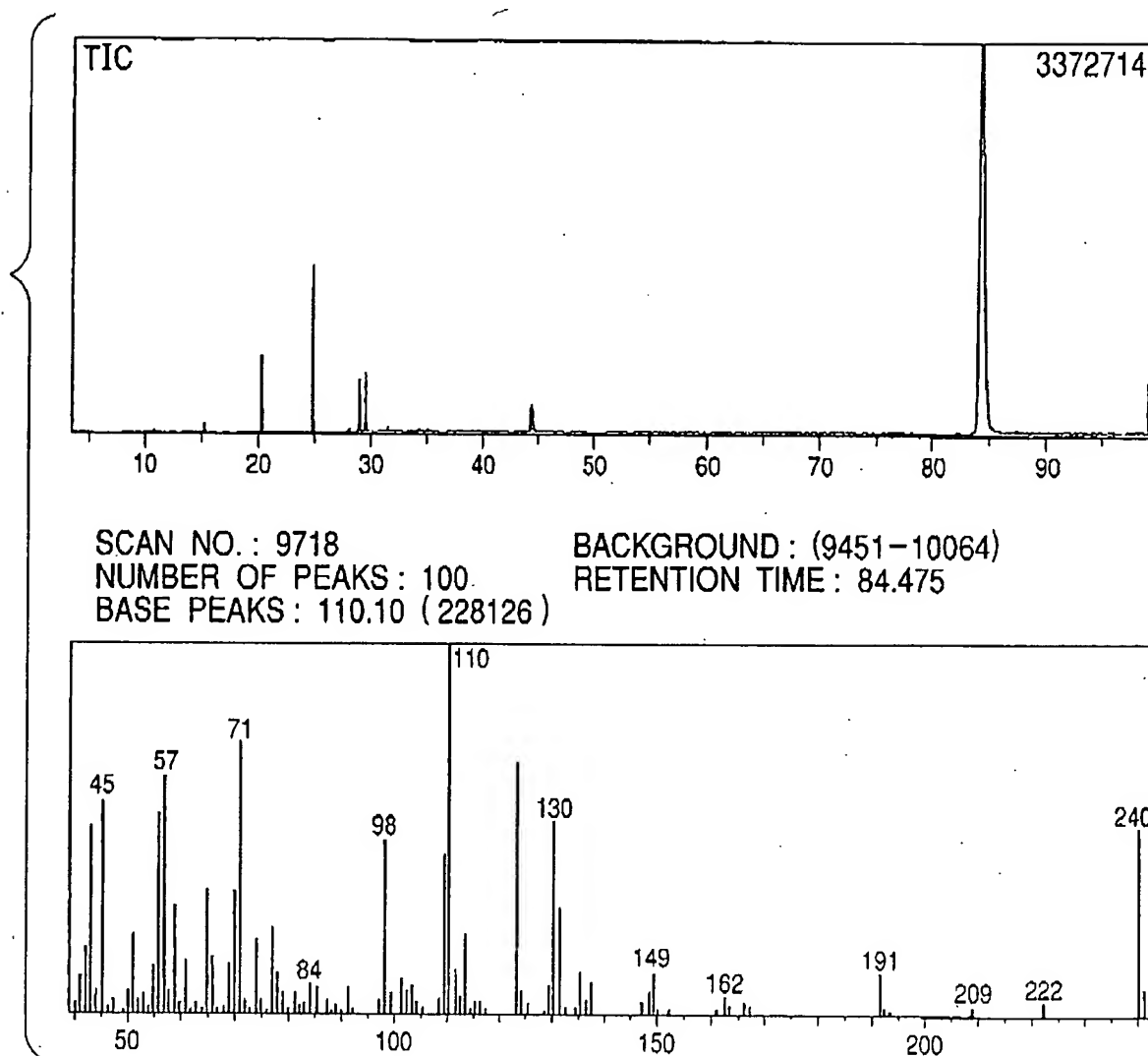
FIG. 5



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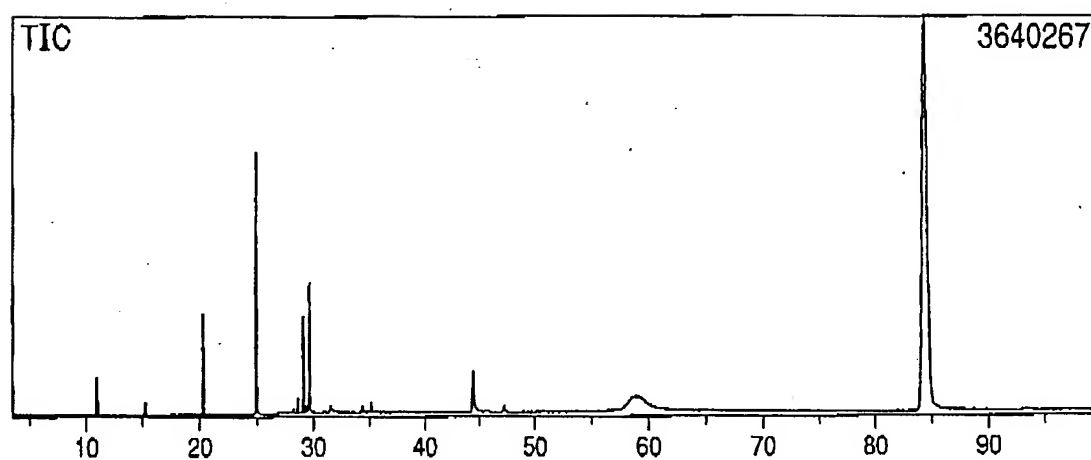
FIG. 6



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FIG. 7



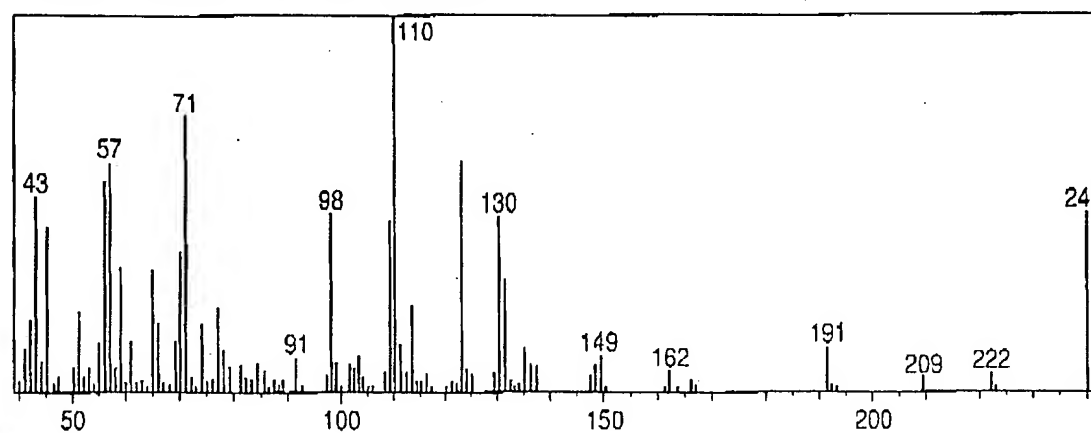
SCAN NO.: 9719

BACKGROUND: (9477-10194)

NUMBER OF PEAKS: 102

RETENTION TIME: 84.483

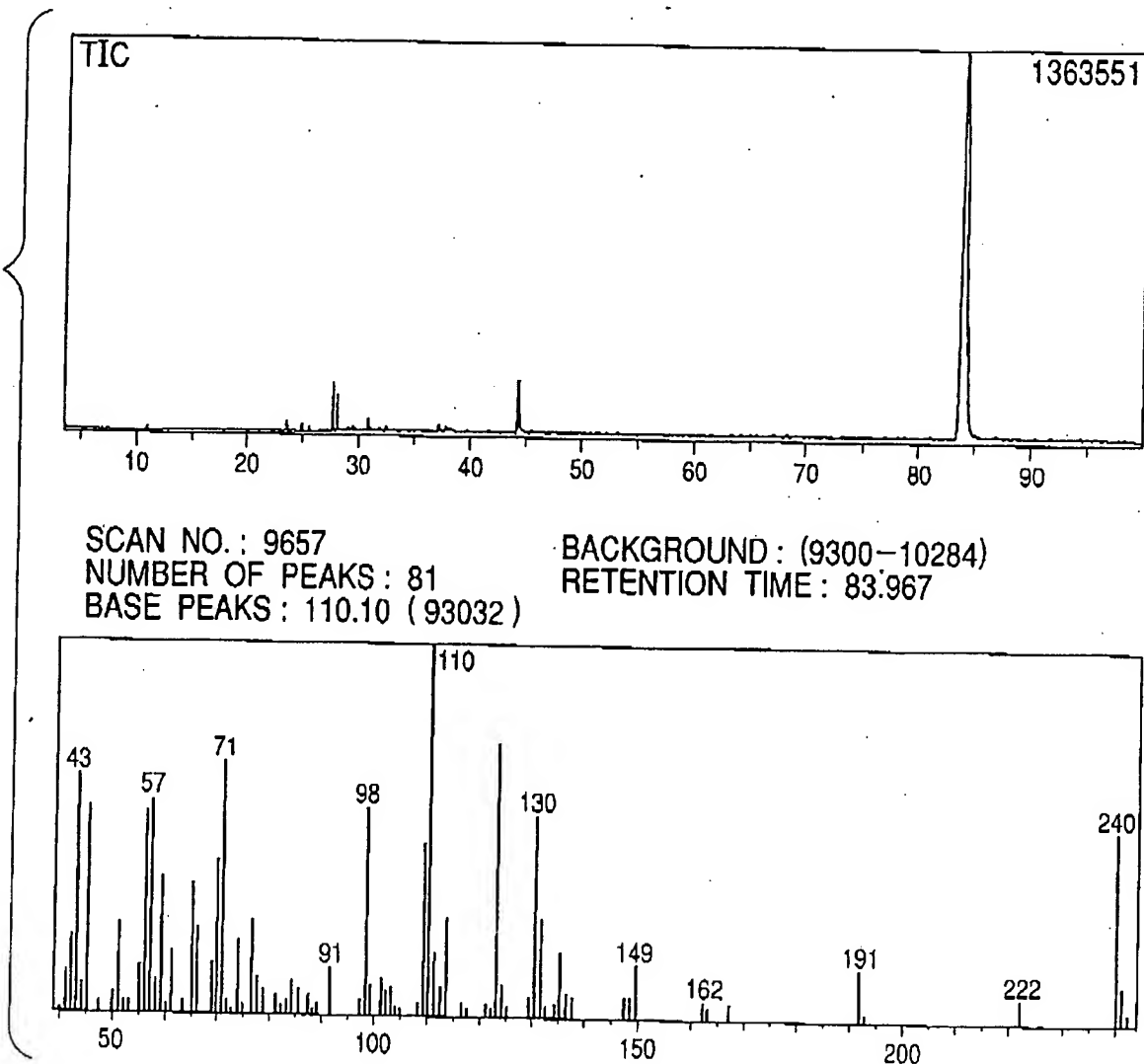
BASE PEAKS: 110.10 (260589)



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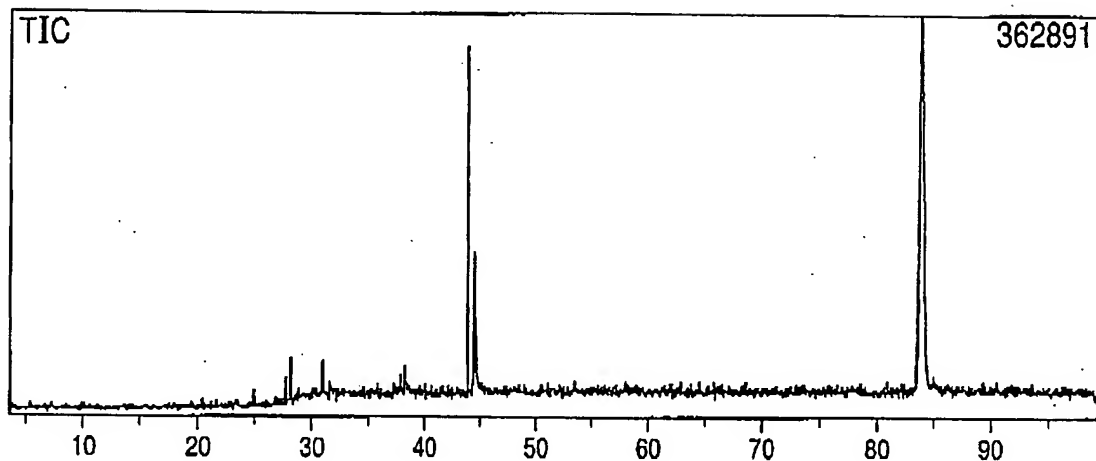
FIG. 8



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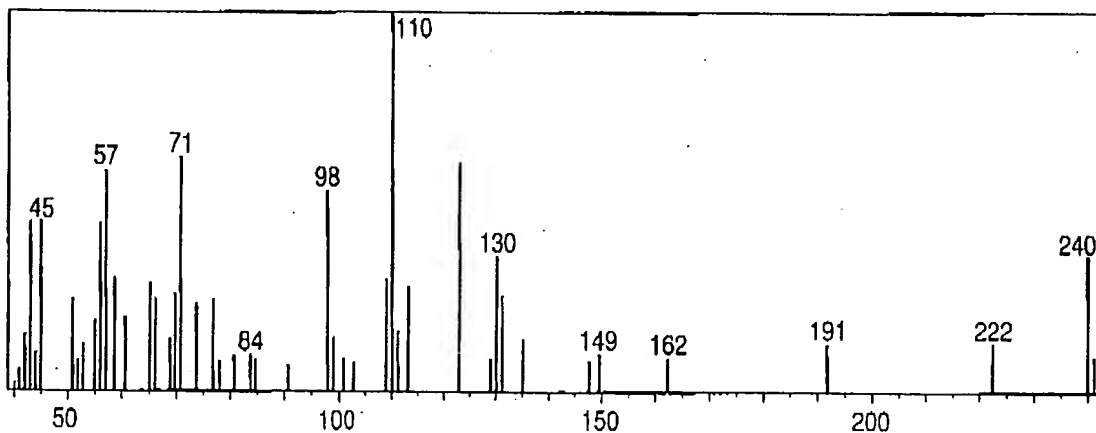
PS130830

FIG. 9



SCAN NO.: 9640
NUMBER OF PEAKS: 46
BASE PEAKS: 110.10 (26208)

BACKGROUND: (9343-10071)
RETENTION TIME: 83.825

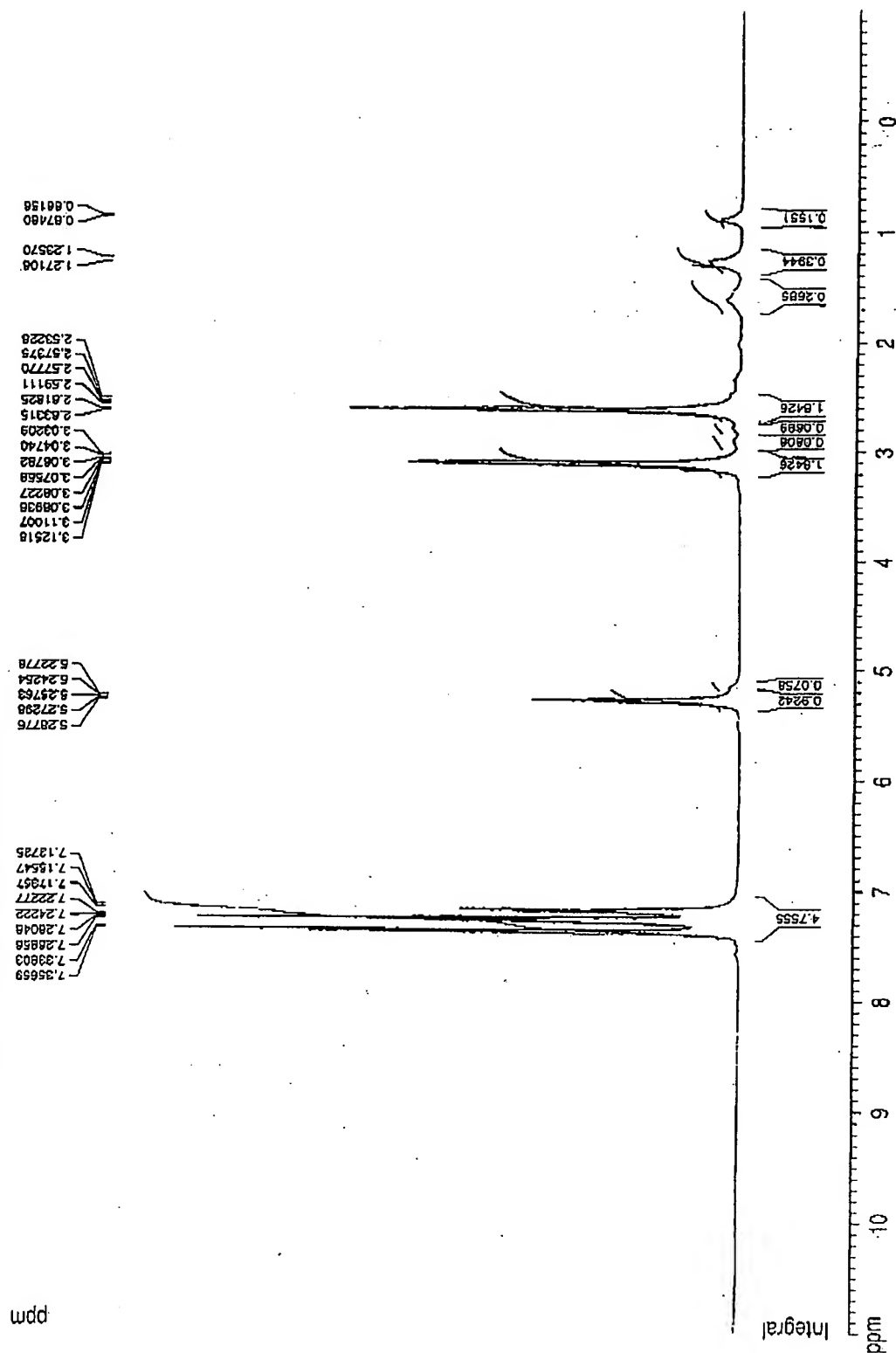


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PS 140830

FIG. 10

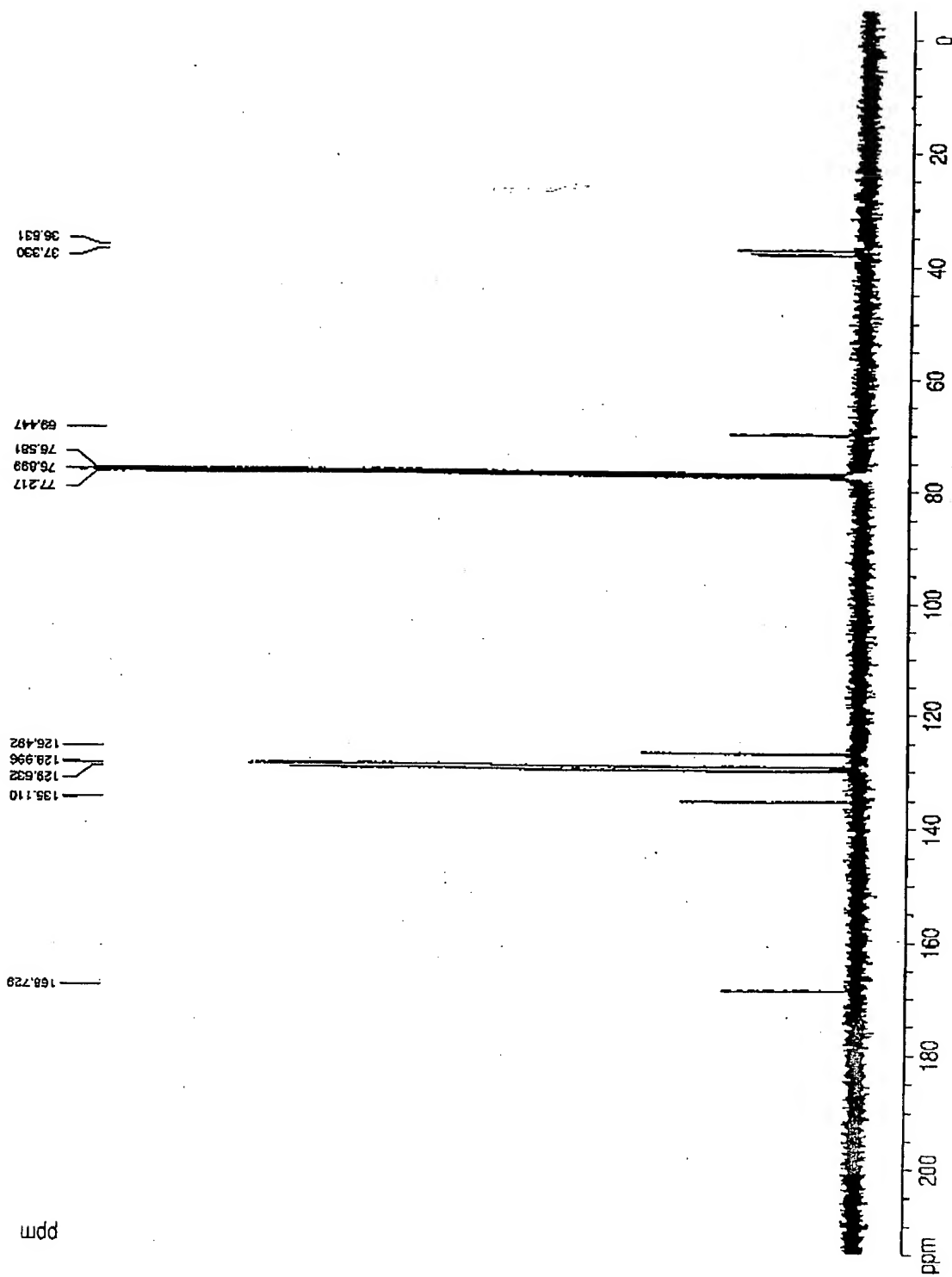
PHTPxB, TPxB0.1%/GIu0.5%/YN2/2dan



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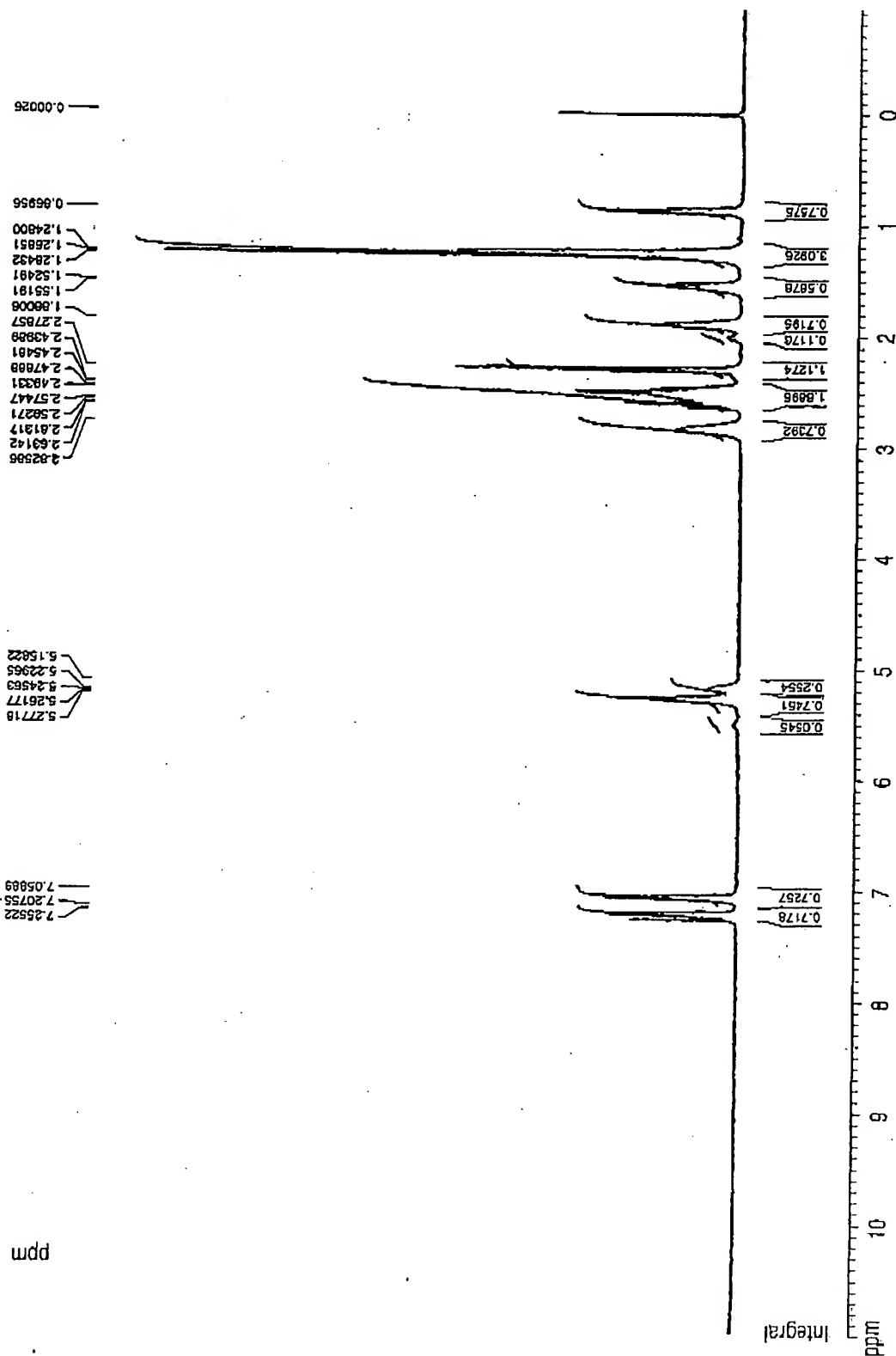
FIG. 11



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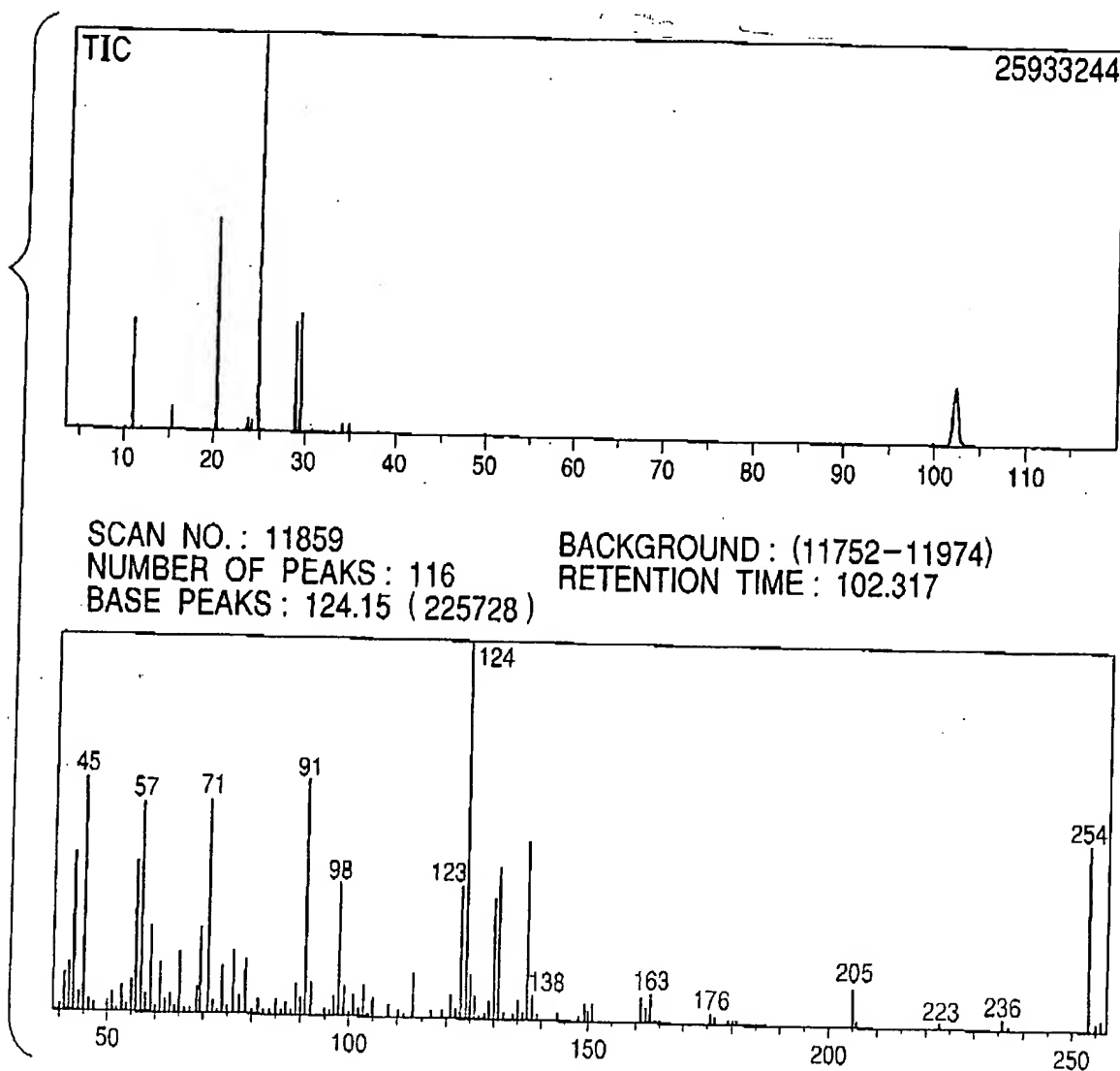
FIG. 12



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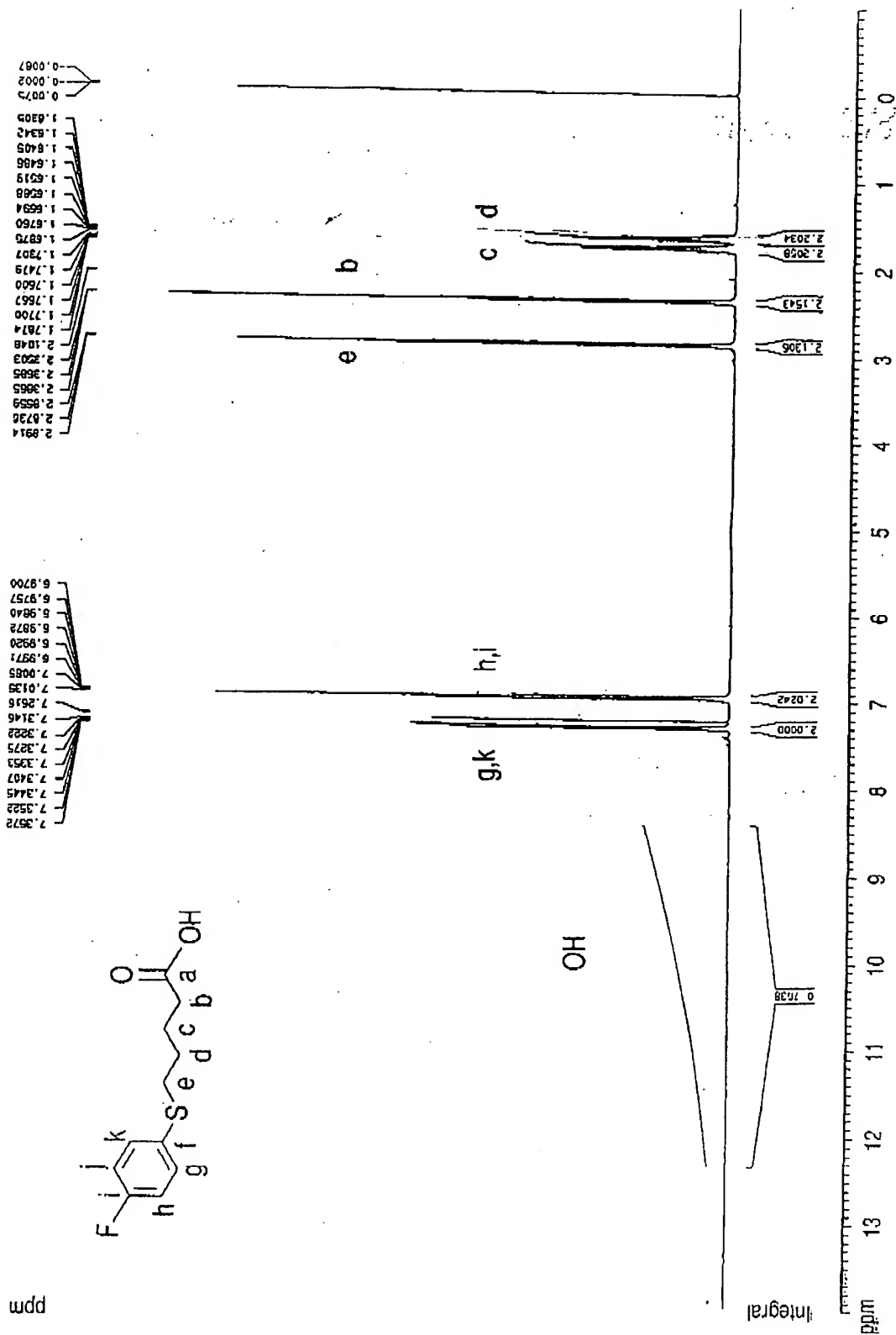
FIG. 13



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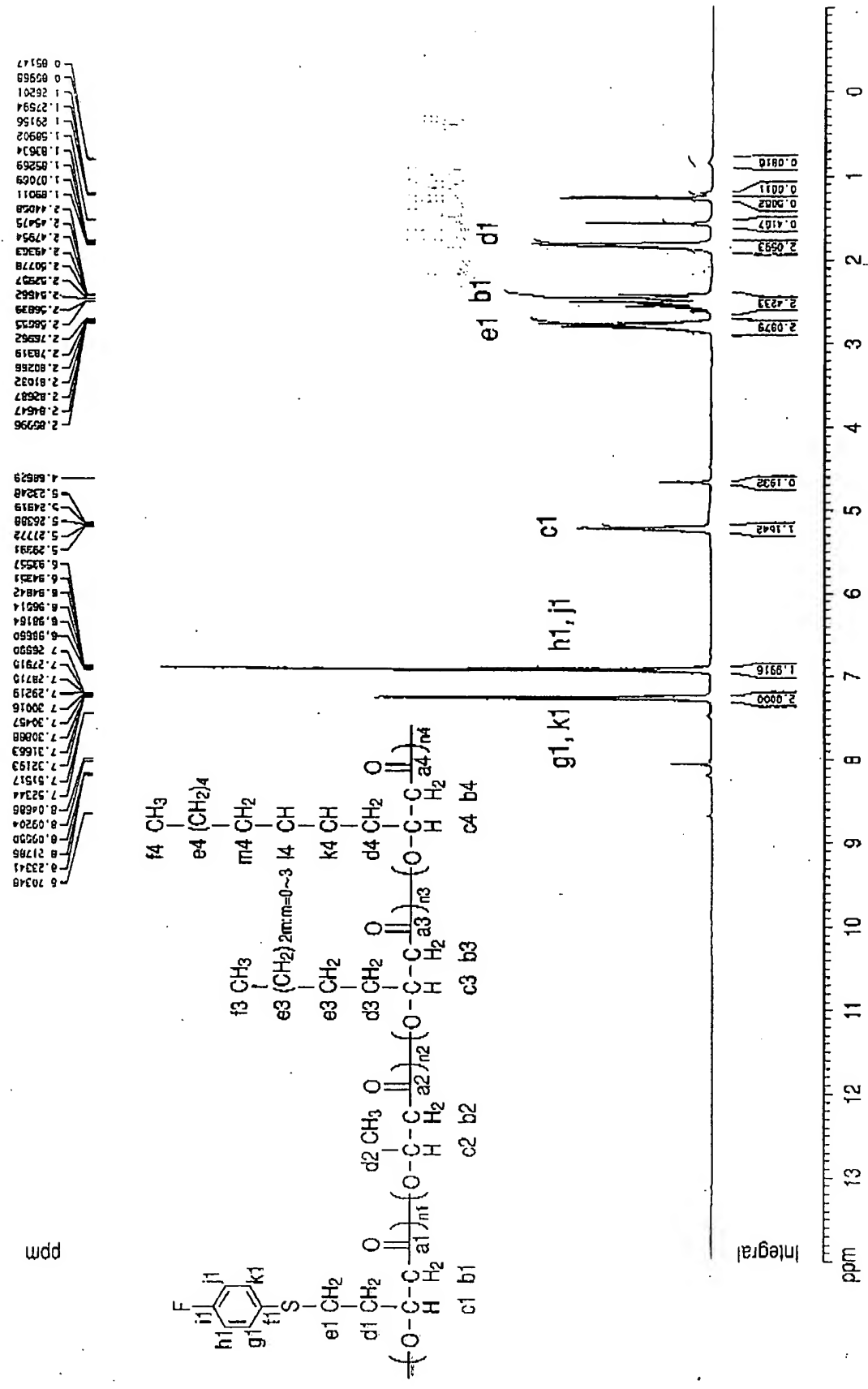
FIG. 14



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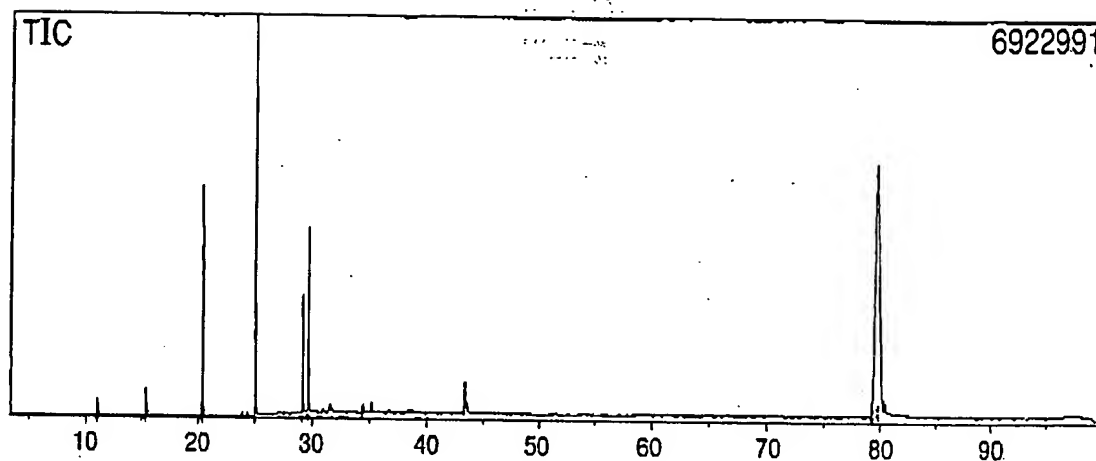
FIG. 15



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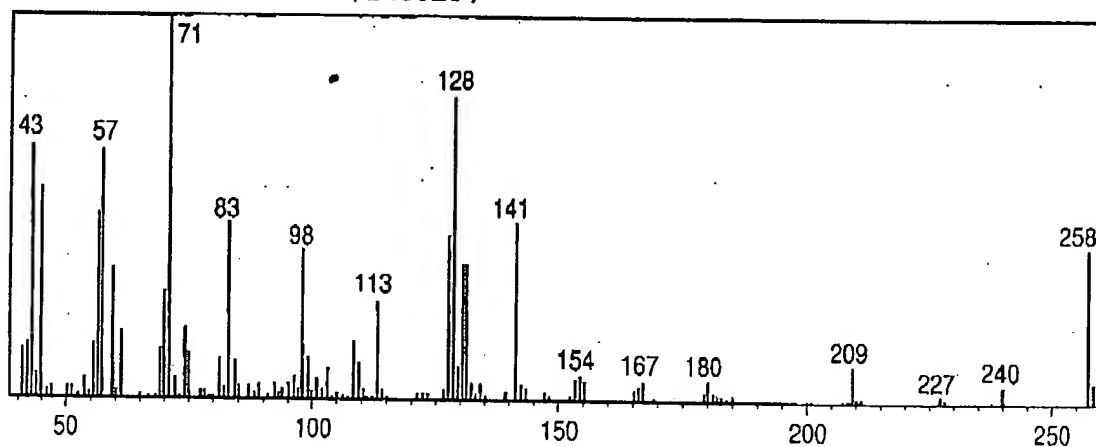
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FIG. 16



SCAN NO.: 9159
NUMBER OF PEAKS: 116
BASE PEAKS: 71.10 (240026)

BACKGROUND: (9080-9241)
RETENTION TIME: 79.817

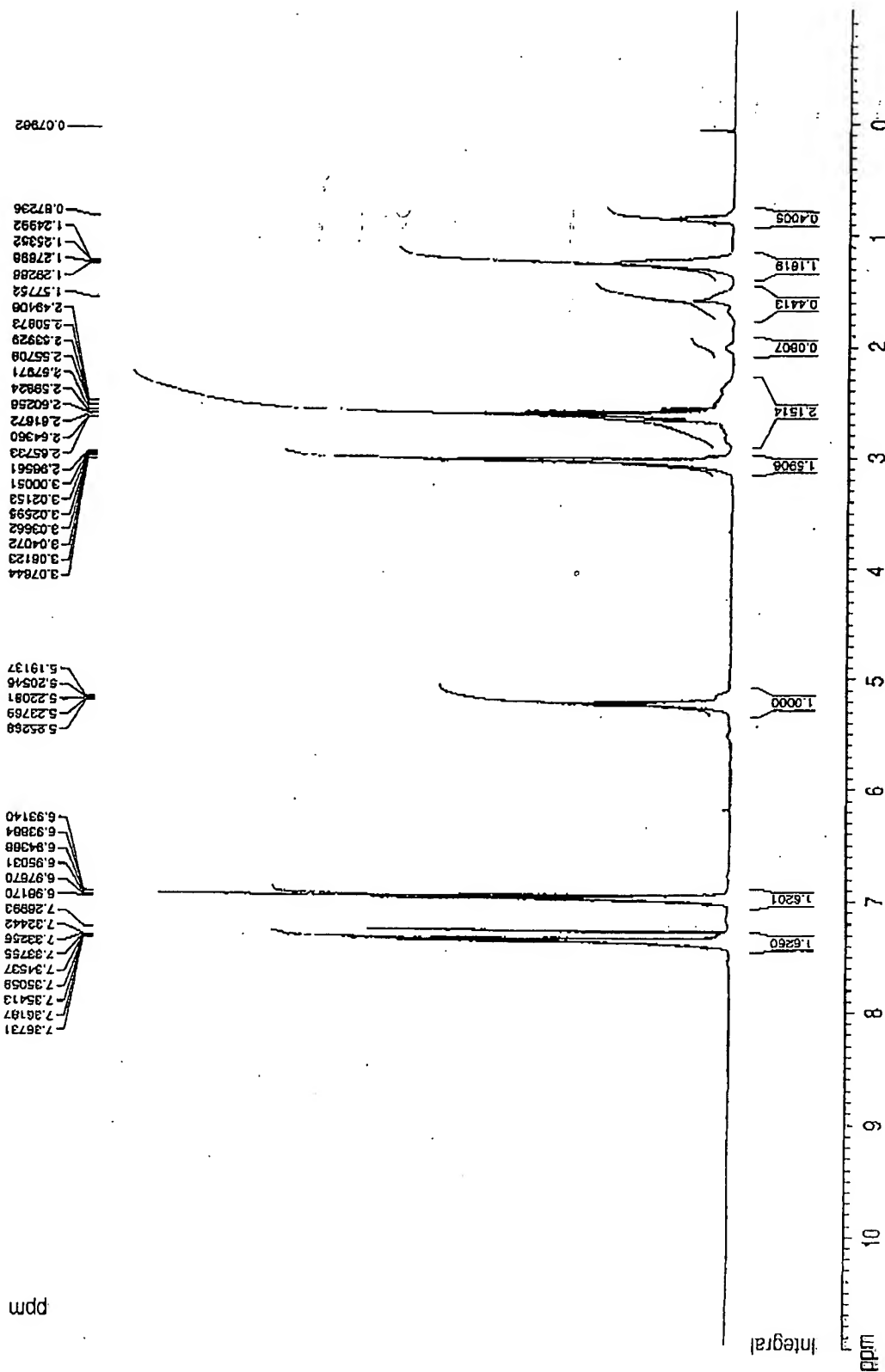


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PS 210730

FIG. 17

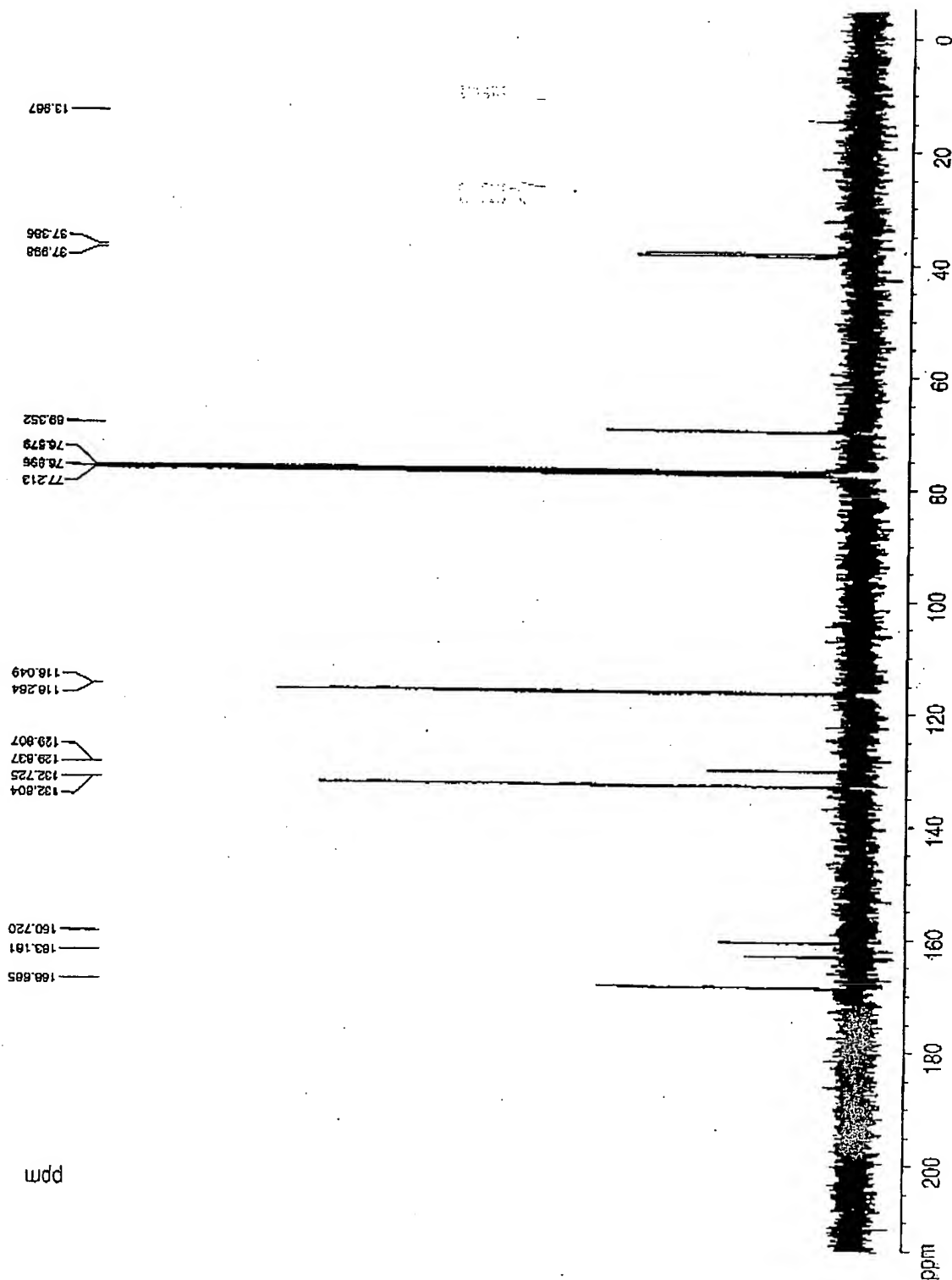
FTPxBA0.1%, GIC0.5%, YN2, 2dan



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FIG. 18



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FIG. 19

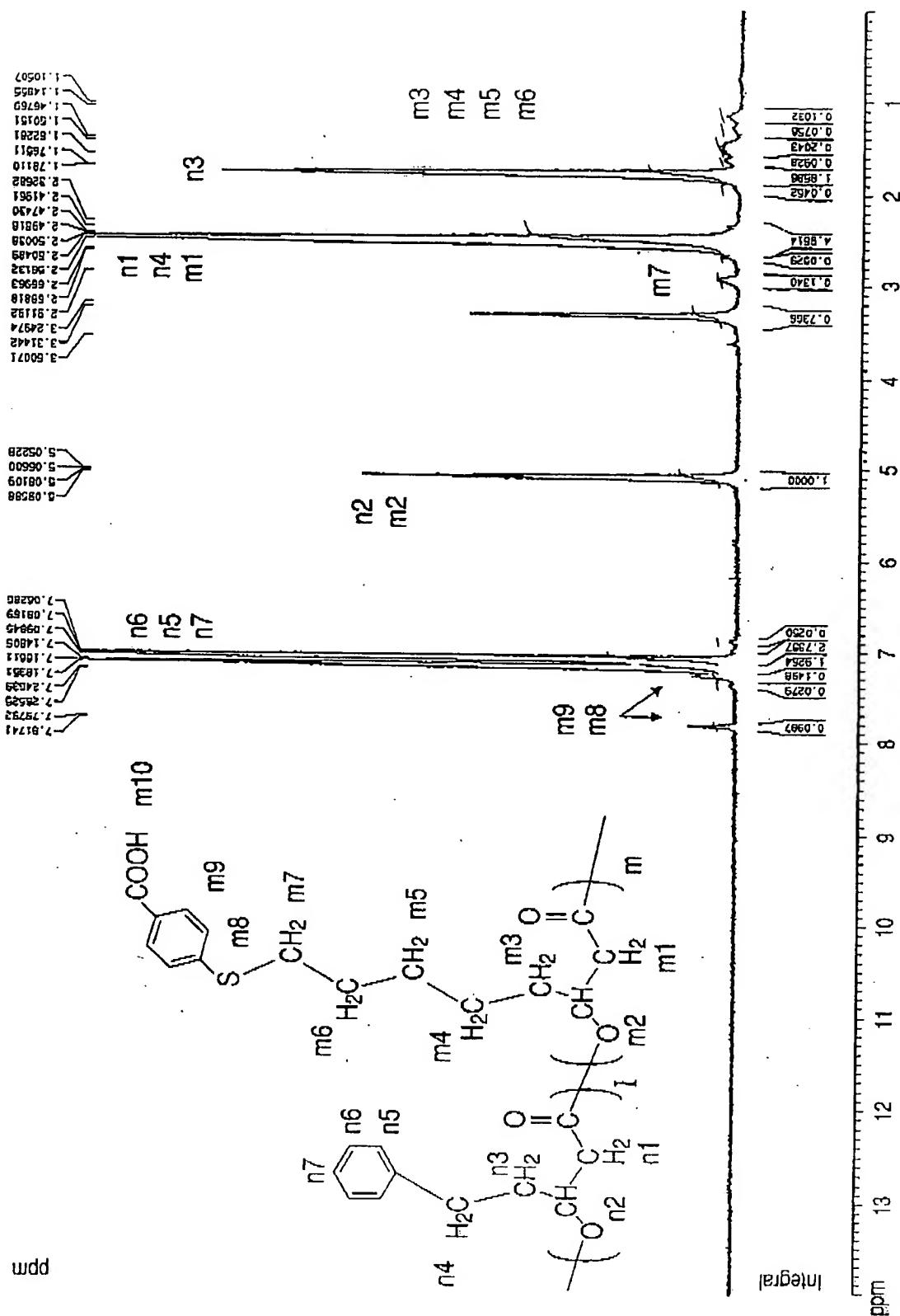


FIG. 20

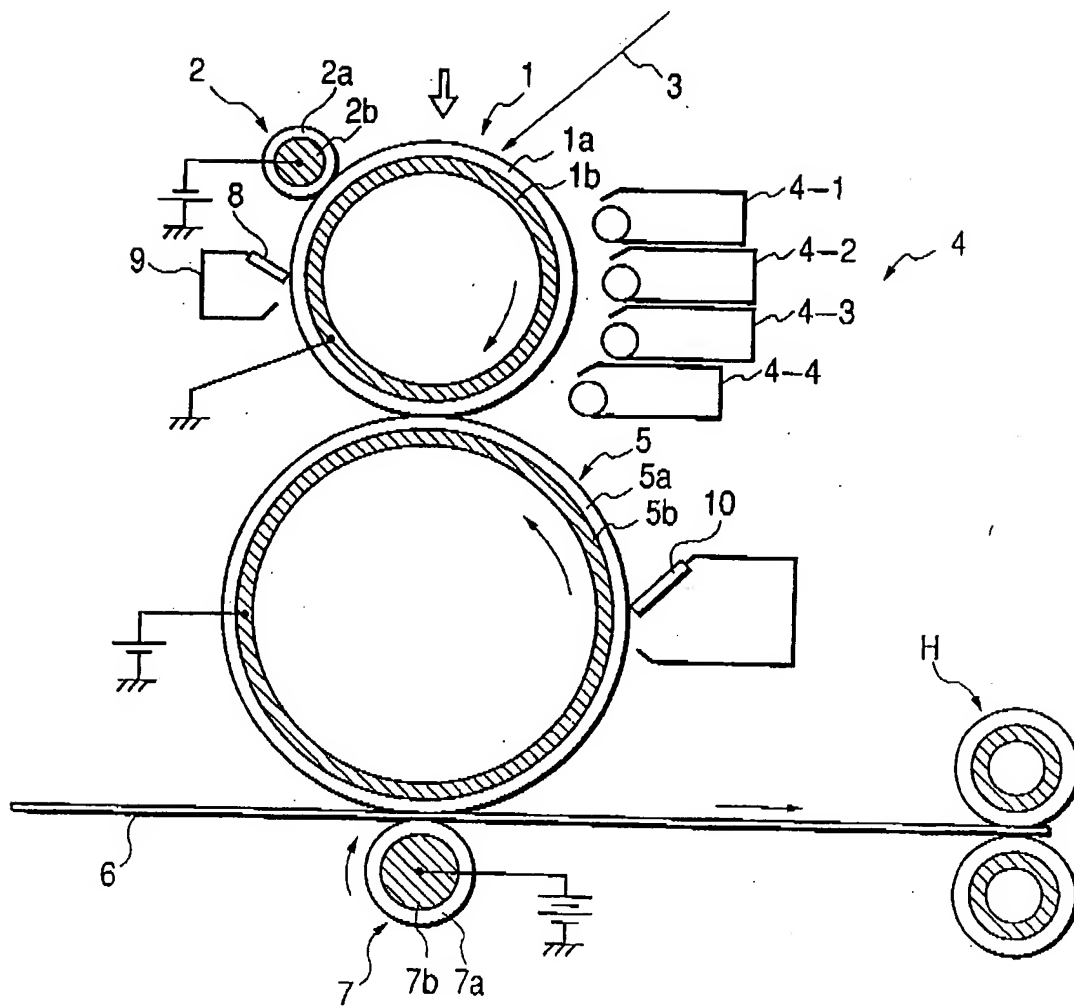


FIG. 21

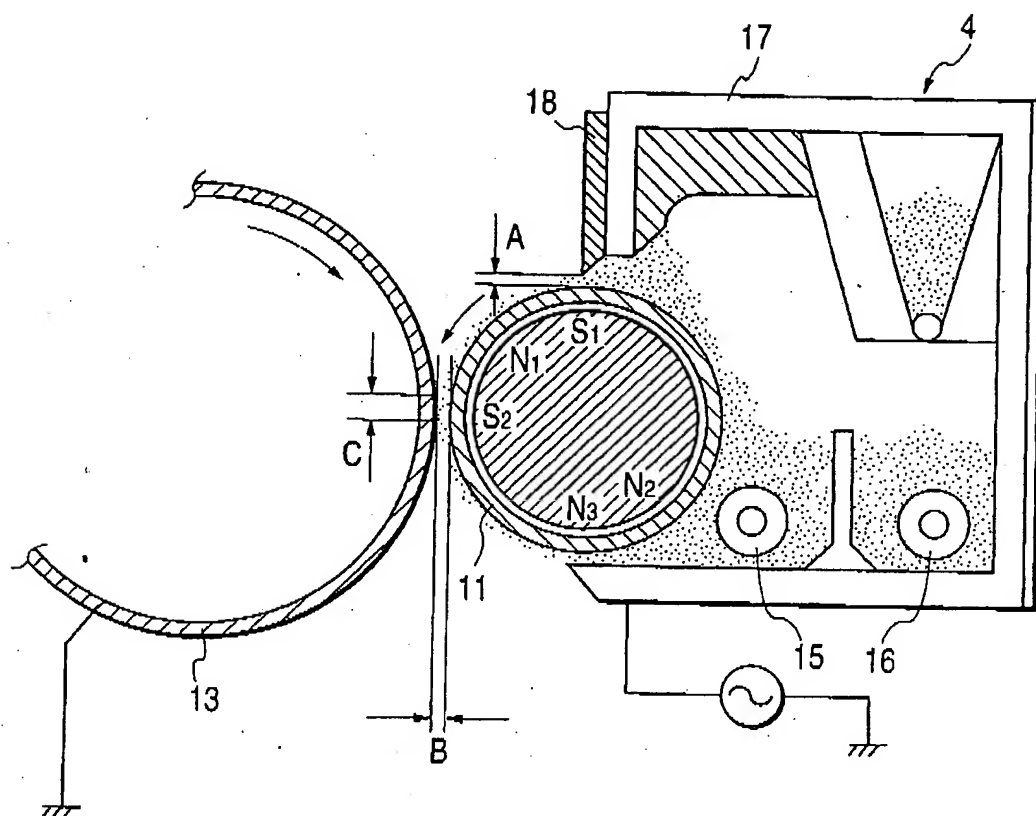


FIG. 22

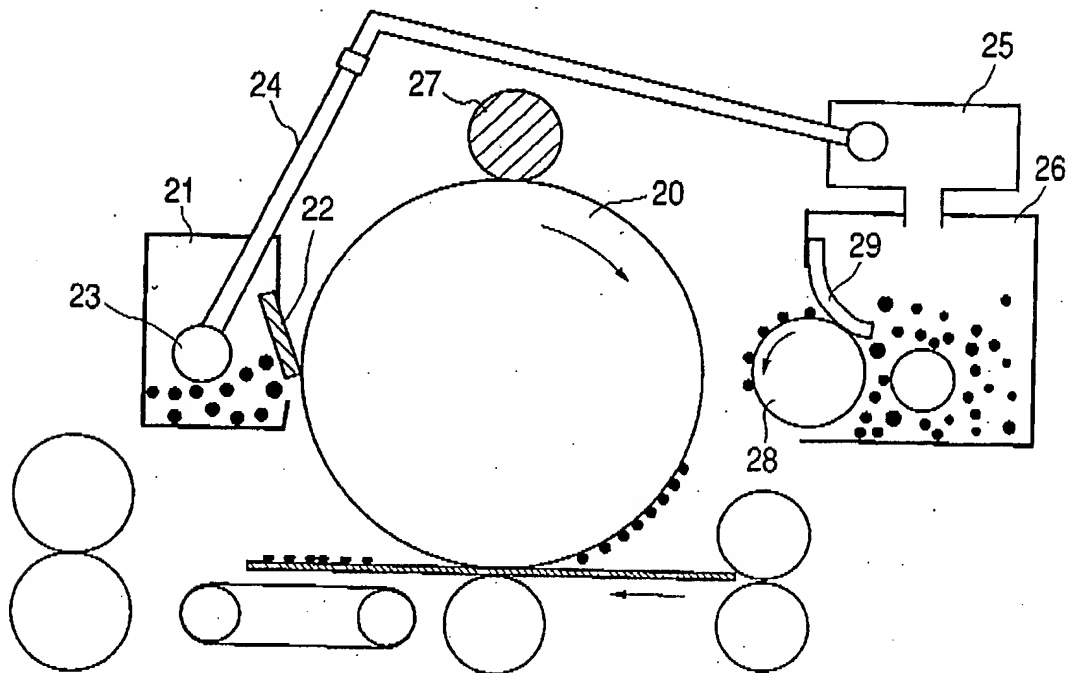


FIG. 23

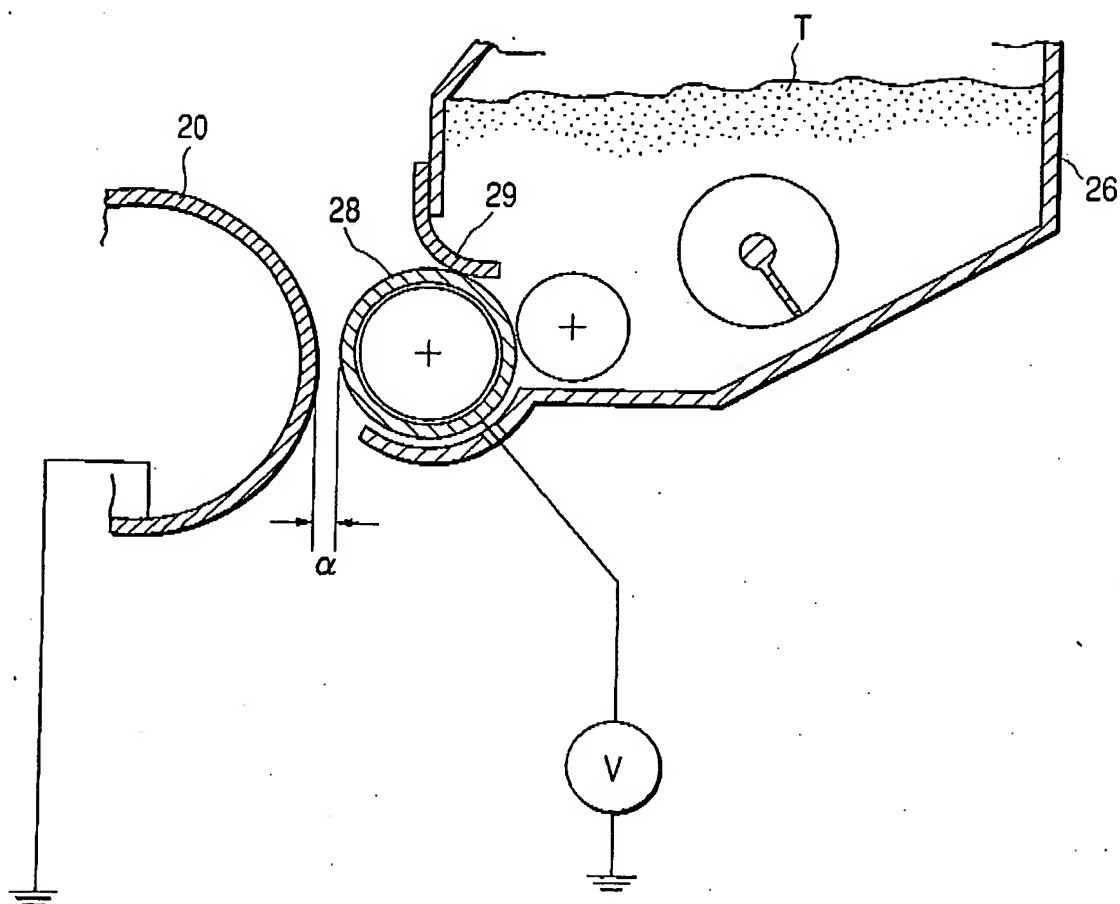


FIG. 24

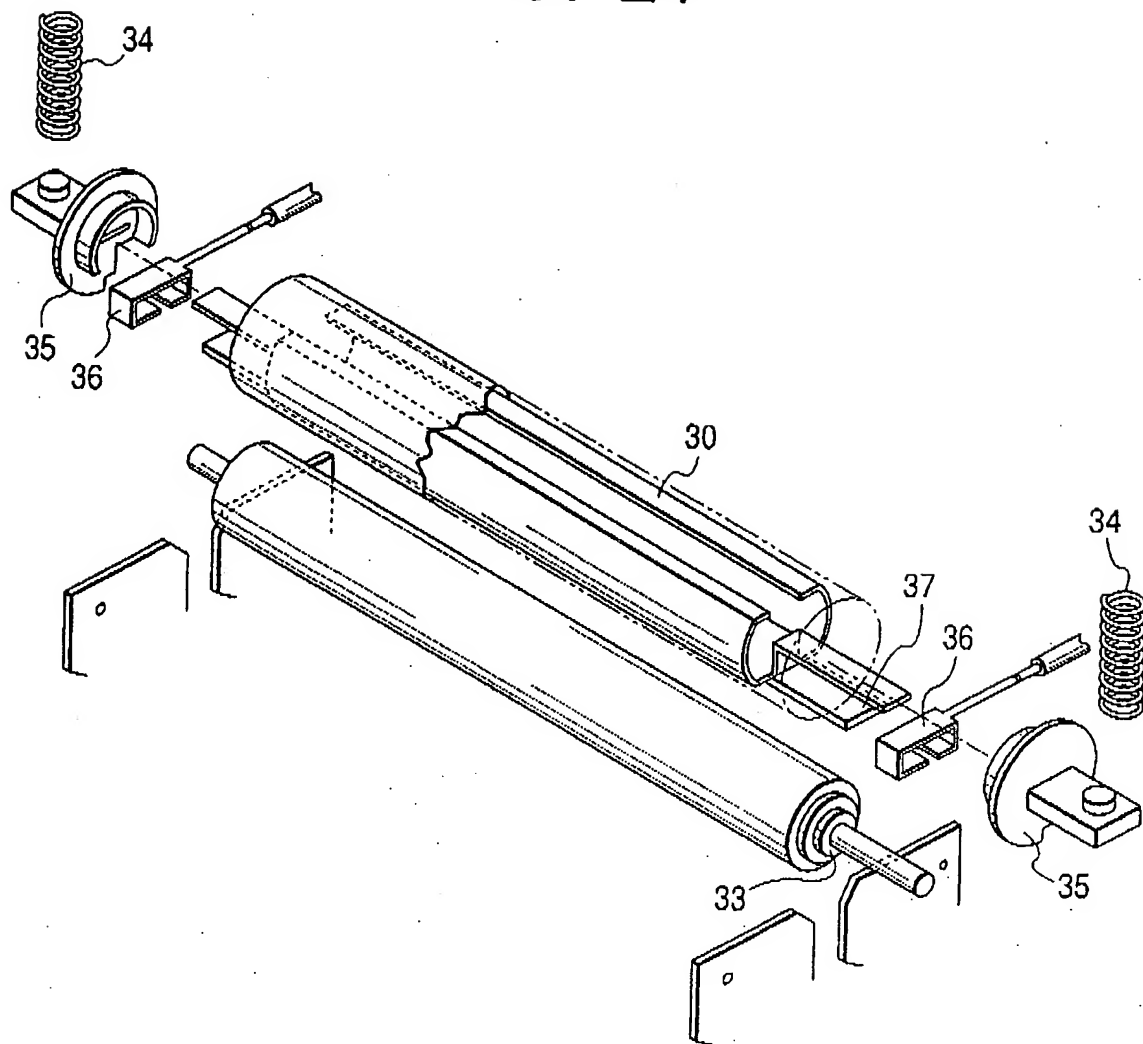


FIG. 25

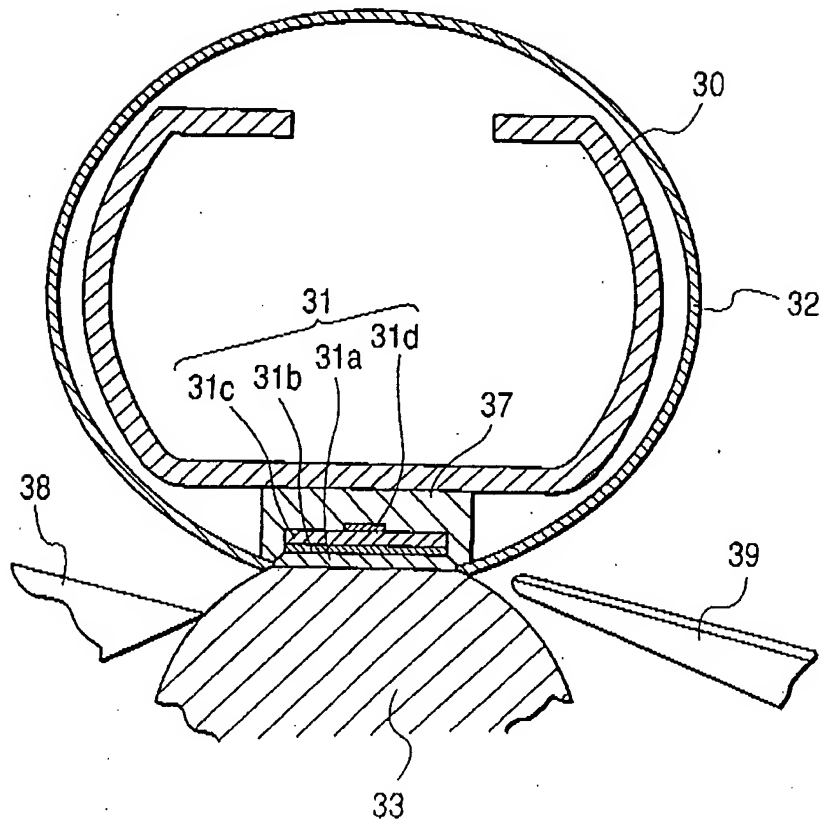


FIG. 26

